Amendments to the Specifications:

Please replace paragraph [0039] with the following amended paragraph:

[0039] Figs. 3 and 4 more fully illustrate operation of apparatus 12 as a solar collector. Only three adjacent elements 16 are shown in Fig. 3 for the purpose of clarity. However, it should be understood that apparatus 12 can incorporate any convenient number of reflective elements 16, limited only by the desired optical and dimensional parameters of concentrator 14. Referring to Fig. 3, sunlight 15 (represented by parallel dotted lines) strikes reflective elements 16 and is reflected by mirrored surfaces 18 to receiver 24, where concentrated beams formed by individual reflective elements 16 are superimposed on one another and absorbed by receiver 24. As shown in Fig. 3, reflective surfaces 18 are inclined by their rear ends *RE* towards one another, and rear ends *RE* are facing receiver 24 to insure lens-like operation. The individual slopes and curvatures for each mirrored surface 18 are selected so that reflective elements 16 form their concentrated energy beams are centered relatively to each other on the active surface of receiver 24.

Please add the following new paragraph after paragraph [0039]:

[0039.1] As can be seen from Fig. 3, surfaces 18 form convergent energy beams and direct those beams by means of a single reflection toward receiver 24 through spaces between the rear ends of adjacent surfaces. Screening and shadowing on adjacent elements 16 can be minimized or eliminated by aligning the front end of inner surface 18 and the rear end of adjacent outer surface 18 relatively to each other with respect to the incident flux, and disposing the rear end of the inner surface 18 out of the path of energy rays reflected from the front end of the outer surface 18.

Please replace paragraph [0048] with the following amended paragraph:

[0048] In addition, this invention is not limited to the case where individual concentrated beams reflected ~~fro~~ from mirrored surfaces 18 of reflecting elements 16 are superimposed and centered relatively to each other on receiver 24. Instead, the dimensions, curvatures and relative dispositions of elements 16 and surfaces 18 can be varied so that the respective beams can be made partially overlapped, contacting, or spaced ~~apart, for example, to provide uniform concentrated energy distribution on receiver 24~~ apart.

Please add the following new paragraph after paragraph [0048]:

[0048.1] For example, reflective surfaces 18 can be arranged so that the energy beams reflected from two or more adjacent surfaces 18 are offset with respect to each other across the active area of receiver 24 with partial overlapping to provide a uniform irradiance distribution on receiver 24.

Please replace paragraph [0049] with the following amended paragraph:

[0049] There are also various other possibilities with regard to the dimensions, number and relative disposition of reflective elements 16, as well as individual curvatures of surfaces 18. In addition, reflective elements 16 can be removably mounted on bands 13 or on any other suitable members of the support frame. Furthermore ~~In addition~~, one or more individual elements 16 can be selectively added, omitted, changed or replaced in concentrator 14 to provide the application-specific operation or desired dimensions.